Name:

p1105: Factoring when $a = $ prime (v17)

1. Factor the expression $5x^2 - 13x - 6$

$$(5x + 2)(x - 3)$$

2. Factor the expression $11x^2 - 37x - 28$

$$(11x + 7)(x - 4)$$

3. Factor the expression $11x^2 - 72x + 36$

$$(11x - 6)(x - 6)$$

4. Factor the expression $3x^2 + 14x + 8$

$$(3x + 2)(x + 4)$$

5. Factor the expression $7x^2 - 6x - 16$

$$(7x + 8)(x - 2)$$

6. Factor the expression $7x^2 - 32x - 15$

$$(7x + 3)(x - 5)$$

7. Factor the expression $5x^2 + 39x - 8$

$$(5x - 1)(x + 8)$$

8. Factor the expression $2x^2 - 19x + 35$

$$(2x - 5)(x - 7)$$

9. Factor the expression $11x^2 + 85x - 24$

$$(11x - 3)(x + 8)$$

10. Factor the expression $2x^2 - 9x - 35$

$$(2x + 5)(x - 7)$$